LISTING OF THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1-5: (Cancelled) .

6. (Currently Amended) A subchannel digital data communication **apparatus**~~system,~~ comprising:

~~a media for carrying high speed digital data signals generated by a high speed data transmitter;~~

a transmitter means for**:**

receiving subchannel data which includes ~~at least one of~~ control ~~data~~ and management data corresponding to **at least one**~~said~~ high speed digital data signal**[[s]],** and

modulating [[it]]**the subchannel data** onto a host signal which propagates ~~on said media~~**via a media configured to carry high speed digital data signals generated by a high speed data transmitter**,

wherein modulating includes modulating, via frequency-shift keying, said subchannel data ~~being modulated~~ onto a subchannel carrier having a frequency in a portion of the spectrum of said high speed **digital** data **signal** where excessive interference from frequency components of said high speed **digital** data signal[[s]] will not be **substantially** experienced;

a receiver means**,** coupled to said media**,** for recovering ~~said~~**recovered** subchannel data from ~~said~~ **a** host signal **received by the receiver means**.

7. (Cancelled).

8. (Currently Amended) The apparatus of claim 6 wherein said high speed digital data signal **~~is~~includes** a D.C. balanced signal, and
wherein said subchannel carrier is **substantially** in **~~the~~a** frequency **range** from approximately 0.5 MHz to slightly above 1 MHz.

9. (Currently Amended) The apparatus of claim **[[8]]6** wherein said transmitter means **~~uses~~employs** frequency shift keying to alter the frequency of said subchannel carrier between **a** mark **frequency** and **a** space frequenc**y;[[ies,]]** and
wherein said receiver means includes a digital filter**:** **~~in an intermediate frequency section~~**
______having a passband centered on said subchannel carrier frequency**,** and
______having a bandwidth wide enough to simultaneously encompass most of the frequency components of said mark and space frequencies but few of the frequency components of said high speed digital data signal.

Claims 10- 16. (Canceled) .

17. (Currently Amended) A system for transmitting subchannel data, comprising:
~~a media;~~
a transmitter means for**:**
receiving subchannel data which includes **~~at least one of~~** control **~~data~~** and management data corresponding to **at least one~~said~~** high speed digital data signal**[[s]],** and
modulating **[[it]]the subchannel data** onto a host signal which propagates **~~on said media and modulating it onto a host signal which propagates on said media,~~** **via a**

media for carrying high speed digital data signals generated by a high speed data transmitter,

wherein modulating includes modulating, via frequency-shift keying, said subchannel data ~~being modulated~~ onto a subchannel carrier having a frequency in a portion of the spectrum of said high speed **digital** data **signal** where excessive interference from frequency components of said high speed data signal[[s]] will not be **substantially** experienced.

18. (Currently Amended) A system for **receiving**~~transmitting~~ subchannel data, comprising:

~~**a media;**~~

a receiver means ~~coupled to said media~~ for recovering ~~said~~ subchannel data from a host signal modulated with said subchannel data, ~~propagating on said media~~**and**

wherein said subchannel data includes**:**

~~at least one of~~ control ~~data~~ and management data**,** corresponding to **at least one**~~said~~ high speed digital data signal[[s]]**,**

wherein said control and management data has been ~~and~~ modulat**ed**~~ing it~~ onto a host signal which propagates **via a**~~on said~~ media, and

wherein **being modulated includes being modulated, via frequency-shift keying,** ~~said subchannel data is modulated~~ onto a subchannel carrier having a frequency in a portion of the spectrum of said high speed **digital** data **signal** where excessive interference from frequency components of said high speed **digital** data signal[[s]] will not be **substantially** experienced**; and**

wherein the receiver means is coupled with said media that is configured to carry high speed digital data signals generated by a high speed data transmitter.

19. (New) The system of claim 17, wherein said transmitter means is configured to modulate, via frequency shift keying, the frequency of said subchannel carrier between a mark frequency and a space frequency.

20. (New) The system of claim 18, wherein said receiver means includes a digital filter:

having a passband centered on the frequency of said subchannel carrier, and

having a bandwidth wide enough to simultaneously encompass a majority of the frequency components of a mark frequency and a space frequency but a minority of the frequency components of said high speed digital data signal.